NIST Cloud Security Roadmap - Development Approach (Option 1) (As of Feb 23, 2011)

(Final Deliverable of the NIST Cloud Security WKG (NCC-SWG))

1. Develop a "Cloud Security Services Architecture" - A canonical Architecture that can be mapped to any other Reference Architecture

2. Identify Cloud Threats and Develop the Threat Taxonomy

3. Identify as to which security services will address the Threats

4. Instantiation of Service Parameters/Features associated with Security Services will define the Security Controls

5. Make a formal mapping of Security Controls to Cloud Threats

6. Identify Domains (including one for Compliance) for Security Governance and Map Controls to Domains

7. Final Conclusions - Strategies for Implementation and Assessments

NIST Cloud Security Strategies Roadmap - Development Approach (Option 2) (As of Feb 23, 2011)

1. Develop the "Cloud Security Services Architecture"

2. Identify Cloud Threats and Develop the Threat Taxonomy

3. Identify as to which security solutions are available in the market and which ones are based on Standards

4. Analyze the risks (effectiveness, scalability etc) involved in using various non-standardized, non-certified security solutions and present the assessments